

Austrian-Bloc Trade, Economic Cooperation
Reviewed, 10 pp.

INTERNATIONALE WIRTSCHAFT, Vienna, 8 Feb 74, p 1
JPRS 61529

Apr 74

G. von Nöding

Acute effects of 5 ppm NO₂ on the function of
the lungs and circulation in healthy subjects.
INTERNATIONALES ARCHIV FUER ARBEITSMEDIZIN.
INTERNATIONAL ARCHIVES OF OCCUPATIONAL HEALTH,
Vol 27, pp 234-243, 1970
NTC 72-15262-06J

mar 73

NIEDING, G. VON

The Pharmacological influence of Acute NO₂ Effect
on the Function of the Lungs of Healthy Subjects
and Patients with Chronic Bronchitis.

INTERNATIONALES ARCHIV FUER ARBEITSMEDIZIN,
vol. 29, pp. 55-63, 1971

NTC 73-10207-06E

March 73

Mueller, W.

Experience with the method of Grabecki and coworkers
for the determination of urine delta-aminolevulinic
acid in the prevention of lead poisoning. 9pp
INT. ARCH. GEWERBERPATHAL. GEWERBEHG. Vol 25, 1969,
pp 287-291
NASA TT F 14,864

G. Leimert

*Usefulness, reliability and practicality of the
determination of heme precursors in the supervision of
lead exposed workers.*

INT. ARCH. GWERBEPATH, GWERBEHYG. Vol 25, No 4, 1969
pp 267-286

*NASA TT F 14,674

apr 73

Data Transmission Under Extreme Noise with any Degree
of Noise Immunity, by G. Harms.

INTER ELEK RUNDSCHAU, Vol 26, No 2, 1972, pp 33-36.

NAVY/APL/JHU-T-2704

May 73

Koniger, E. et al

Improvement of Characteristics of High Quality Forgings
by Using the Electroslag Remelting Process

INTERNATIONAL FORGING CONFERENCE 1970 TERNI 6-9th May

BISI-8683

HEUMANN, K. G.
//INTERNATIONAL JOURNAL OF MASS SPECTROMETRY AND
ION PHYSICS//
--/--/1972, V0009, N0003,
The formation of uranium and thorium ions and
their oxide ions as a function of the conditions
during thermal ionisation
pp 315-324, NTC 74-11592-07E##

Agency: U.S. Army Cold Regions Res. & Eng. Lab.
P.O. no.: 73-T-59 9210/0263
23 Apr. 1973
Title: Ueber die physikalische Bodenuntersuchung
Author: Atterberg, A.
Source: Internationale Mitteilungen fur Bodenkunde 1:7-9, 1911.
Language: German
Spec. instr.: Please translate & type single space; no
paste-up, leave space, translate foot-
notes, headings of illustrations,
formulas, etc.

Agency: U.S. Army Cold Regions Res. & Eng. Lab.
P.O.no.: 73-R-60 9220/0286
23 Apr. 1973
Title: Die Plastizität der Tone
Author: Atterberg, A.
Source: Internationale Mitteilungen für Boden-
kunde 1:10-13, 1911.
Language: German
Spec.instr.: Please translate & type single space;
no paste-up, leave space & translate
footnotes, headings of illustrations,
formulas, etc.

Ollig, Gerhard

Prospects of FRG-GDR Relations Assessed, 6 pp.
INTERNATIONALE POLITIK 1973, Hamburg, 24-29 Sep
73, pp 74-78.
JPRS 61950

Jul 74

Bursche, R.-M., H. Kuhl, and H. Mann 1959
Relations between the chemism and the phytoplankton develop-
ment on the Lower Weser (Beziehungen zwischen dem Chemismus und
der Phytoplanktonentwicklung auf der unteren Weser)
Internationale Revue der gesamten Hydrobiologie und Hydrographie,
44(2): 277-298. In German.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Great Lakes
Biol. Lab., Burlington, Ont., 1973, as Transl. Series No.
2659, 43p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *AK*

Bursche, Eva-Maria

1961

Changes in the chlorophyll content and in the cell volume
in plankton algae, brought about by different life conditions
(Änderungen im Chlorophyllgehalt und im Zellvolumen bei
Planktonalgen, hervorgerufen durch unterschiedliche
Lebensbedingungen)

Int. Revue ges. Hydrobiol., 46(4): 610-652. In German.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sci. of
State of Canada, for Dept. of Environ., FRBC Great Lakes
Biol. Lab., Burlington, Ont., 1973, as Transl. Series No.
2718, 84p., typescript.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked.....

Gutz, Manfred

197

Experimental studies on adaptation to salinity shown by the different races of the three-spined stickleback (Gasterosteus aculeatus L.) (Experimentelle Untersuchungen zur Salzadaptation verschiedener Rassen des Dreistachligen Stiehlings (Gasterosteus aculeatus L.) Internationale Revue der Gesamten Hydrobiologie, 55(6): 845-894. In German.

Transl. for BSPAM, 1972, 63p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *AK*

A review of autecology and saprobiology of the fresh-
water ciliates (Eine Zusammenstellung von autökolo-
gischen und saprobiologischen Befunden an Süßwasser-
Ciliaten) Internat. Zeits. f. Gesamte Mikrobiologie, 5 (3):
337-344. in German.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of State of
Canada, for Dept. of Environ., FR C Biological Station, Canaimo,
B.C., 1972, as Transl. Series No. 2152, 64p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Uhlmann, Dietrich, Jurgen Benndorf, and
Wieland Albert

1971

Prediction of the balance of substances in storage basins
by means of continuous or semi-continuous biological models

I: Fundamentals (Prognose des Stoffhaushaltes von
Staugewässern mit Hilfe kontinuierlicher oder semikontinuier-
licher biologischer Modelle I. Grundlagen)

Internationale Revue der gesamten Hydrobiologie und Hydrographie,
56(4): 513-539. In German.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State
of Canada, for Dept. of Environ., FRBC Mar. Ecology Lab.,
Dartmouth, N.S., 1973, as Transl. Series No. 2509, 39p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Utermohl, Hans

1958

The improvement of quantitative phytoplankton methodology
(Zur Vervollkommnung der quantitativen Phytoplankton-
Methodik)

Internationale Vereinigung für Theoretische und Angewandte
Limnologie, Komitee für Limnologische Methoden, (9):
1-39. in German.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBO Great Lakes
Biolimnology Lab., Burlington, Ont., 1973, as Transl. Series
No. 2713, 61p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....
MR

Sturhan, D.

English title unknown.

Internationalen Symposium uber Nematologie
in Antibes, Frankreich, no. 10.9, pp. 168-174
1966.

ONTIS TT 73-58095

may 73

Krause, H. R.

On a combined method for the enrichment and isolation
of truly dissolved organic matter from natural waters

ANGEWANDTE LIMNOLOGIE. MITTHEILUNGEN DER GESELLSCHAFT FÜR ANGEWANDTE LIMNOLOGIE

pp 84-101

NTC 73-13368-08H

Straskraba, Milan

1968

The share of higher plants in the production of stagnant waters (Der Anteil der höheren Pflanzen an der Produktion der stehenden Gewässer)

Internationale Vereinigung fuer Theoretische und Angewandte Limnologie, Mitteilungen, 14, Mar.: 218-230. In German.

Transl. by TPR for BSP&W, 1973, 30p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *IR*

Swiss Armor - Dovel

UNCLASSIFIED REFERENCE

137C-11-13-1369-72

ACSI-K-1883

DISTRIBUTION LIMITED TO U.S. GOV. AGENCIES

GDR-Austrian 1974 Trade, Payment Agreement
Signed, 13 pp.
INTERNATIONALE WIRTSCHAFT, Vienna, 12 Oct 73,
Supplement, pp 3-4.
JPRS 60555

Nov 73

Soviet-Austrian Trade Relations.

5 pp

INTERNATIONALE WIRTSCHAFT, Vienna, No 36, 6 Sep 74,

p 1.

JPRS 63239

UNION

//INTERNATIONAL WIRTSCHAFT//

15/11/1974, V-----, V-----, pp 0003

Austria Increases Trade With East Europe 5 pp

JPRS 63704

Correlation of Regional Distribution of
Sweating and Deviation from the "predicted
4-hrs Sweat Rate"

INTERNATIONALE ZEITSCHRIFT FIR ANGEWANDTE
PHYSIOLOGIE, Vol 31, 1972, pp 11040.

*NASA TT F-14,830

Apr 73

Origin, Results of Agricultural, Food
Industry Cooperation Groups Detailed, by
E. Godau, 11 pp.
GERMAN, per, Internationale Zeitschrift der
Landwirtschaft, Moscow/East Berlin, No 1,
1973, pp 23-27.
JPRS 59157

Jun 73

SCHLETTWEI...

Trace elements in Food Products, Part VI. Nickel
INTERNATIONALE ZEITSCHRIFT FÜR VITAMIN-FORSCHUNG
vol. 41, pp. 429-437, 1971
NRC C-11827

March 73

Flores, Carlos Vargas

Geological Interpretation of
ERTS-A Satellite

INTERPRETACION GEOLOGICA DE
PRO EL SATELITE ERTS-A SERVICIO GEOLOGICO DEL EJERCITO
PROGRAMA DEL SATELITE TECNOLÓGICO EL EJERCITO
RALES, LA PAZ, BOLIVIA, Region

PROGRAMA DEL SATENITE TECNOLÓGICO DE RECURSOS NATU-
RALES, LA PAZ, BOLIVIA, Report, 1973, pp. 9
*NASA TT F-15,265

SOLDNER, F.

//INTER SUCHUNG DER SCHNELLEN MAGNETISCHEN PLASMA-
KOMPRESSION ALS METHODE ZUR ERZEUGUNG HOHER
TEMPERATUREN BEI SCHWACHER KOMPRESSION//

--/01/1974,V----,N----,

Investigation of Fast Magnetic Plasma Compression
as Method for Generating High Temperatures with
Weak Compression, 54 pp

AEC/LA/TR-74-32

##

Lacaz, Carlos da Silva, et al 830 31

Introduction to the Medical Geography of Brazil

INTRODUCAOA GEOGRAFIA MEDICA DO BRASIL
1972, 568 pp.

ACSI-K-4236

FOR THE ALL INFORMATION
Romanian Inventions. by V. Nicolae
ROMANIAN

APRS 5832

Apr 73

Anodic Stripping Voltammetry, by Kh. Ye. Brainina,
192 pp.

INVERSIONNAYA VOLTAMPEROMETRIYA TVERDYKH FAZ, 1972

*IPST

April 73

Capital Construction Plan for 1973 Discussed,
by Karol Ujhazy, 14 pp.

GOVERNMENT USE ONLY

SLOVAK, per, Investicni Vystavba, Prague,
No 1, 1973, pp 4-9.

JPRS/L 4473

Apr 73

Investment Construction Plan for 1973
Discussed, by Karol Ujhazy, 7 pp.
GOVERNMENT USE ONLY
SLOVAK, per, Investicni Vystavba, Prague,
No 2, 1973, pp 38-42.
JPRS/L 4483

Apr 73

Riha, Ladislav

Investment Construction Development, Prospects
Outlined, 13 pp.

GOVERNMENT USE ONLY

INVESTICNI VYSTAVBA, Prague, No 2, Feb 74,

pp 35-39.

JPRS/L 4908

Jul 74

Margalef, R., M. Duran, and F. Sals 1955
The phytoplankton of the ria of Vigo from January 1953 to
March 1954 (El fitoplancton de la Ria de Vigo de enero de
1953 a marzo de 1954)
Investigacion Pesquera, 2: 85-129. In Spanish.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Great Lakes
Biolimnology Lab., Burlington, Ont., 1973, as Transl. Series
No. 2657, 67p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Chrenko, Simon

Slovakia's Construction Activity 25 Years
After Nationalization, 5 pp.

GOVERNMENT USE ONLY

INVESTICNI VYSTAVBA, Prague, No 6, Jun 73,
pp 172, 173.

JPRS/L 4671

Oct 73

Malicovsky, Rudolf

CSR Investment Construction Over 25 Years of
Nationalization, 10 pp.

GOVERNMENT USE ONLY

INVESTICNI VYSTAVBA, Prague, No 6, Jun 73,
pp 174-177.

JPRS/L 4671

Oct 73

Valkovsky, Jiri

Development of Construction Activity Through
1990 Outlined, 7 pp.

GOVERNMENT USE ONLY

INVESTICNI VYSTAVBA, Prague, No 6, Jun 73,
pp 178-180.

JPRS/L 4671

Oct 73

Control of Recreational Facility Construction
Discussed, 14 pp.

GOVERNMENT USE ONLY

INVESTICNI VYSTAVBA, Prague, No 10, Oct 73,
pp 321-326.

JPRS/L 4776

Jan 74

Investments in Computers to Increase, by
Andrzej Kierczynski, 7 pp.
POLISH, per, Inwestycje i Budownictwo, Warsaw,
No 3, Mar 73, pp 24-26.
JPRS 58939

May 73

Mazan, Waldemar

Motor Fuel Service Problem Analyzed, 5 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 4,

Apr 73, pp 27-29.

JPRS 59551

Aug 73

Plocica, Albin

Results and Prospects of Investment Plan
Analyzed, 16 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 10,
Oct 73, pp 1-8.

JPRS 61090

Feb 74

Gniewaszewski, Jerzy

Results of Construction Development Plan
Assessed, 12 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 10,
Oct 73, pp 8-13.

JPRS 61000

Feb 74

Dobi ja, Edward

Housing Construction Prospects Outlined, 8 pp.
INWESTYCJE I BUDOWNICTWO, Warsaw, No 11, Nov 73,
pp 1-4.
JPRS 61134

Mar 74

Szczepanowski, Henryk

Implementation of 1971-1973 Investment Plan
Analyzed, 7 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 12, Dec 73,
pp 20-22.
JPRS 61230

Mar 74

Secomski, Kazimierz

Problems of 1974 Investment Plan Analyzed, 14 pp

INWESTYCJE I BUDOWNICTWO, Warsaw, No 1,

Jan 74, pp 1-7.

JPRS 61690

May 74

Gniewaszewski, Jerzy

1974 Construction Plan Outlined, 6 pp.
INWESTYCJE I BUDOWNICTWO, Warsaw, No 1, Jan 74,
pp 8-10.
JPRS 61690

May 74

Okolo-Kulak, Stanislaw

Regional Environmental Protection Plan Outlined,
9 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 1, Jan 74,
pp 32-35.
JPRS 61675

May 74

Secomski, Kazimierz

Trends and Targets of Investment Policy
Analyzed, 14 pp.

INWESTYCJE I BUDOWNICTWO, Warsaw, No 7, Jul 74,
pp 1-8.

JPRS 63167

Nov 74

WITACZESKI, JERRY
//INVESTVCJT I BUDOWNICTWO//
--/10/1974,V----,H0010, pp 0001-0003
Major Investment Problems in 1975 Described
5 pp
JPRS 63793
#

Agency ABC/TIM.

P.O.No. CTR-74-21

0904/2003

1 July 1974

Title: Inshtetsiya Elektronov i Otkrytymi Plazmy v
Mnogochislennykh Elektromagnitnykh Luchakh.

Author: O.A.Lavrent'yev; V.A.Sidorkin; V.P.Goncharenko et
al

Source: Physical-Technical Institute, Academy of Sciences
of Ukr. SSR, Kharkov, 1974 ppl-18

Language: Russian

Instructions: Please type single spaced, paginated.

All paste-up, camera ready copy.

P. Pavel

Filtration defects as the cause of the failure of the dam Hrinova.
Inzenyrske stavby, Bratislava, Vol. 16, no 2,
pp.49-54, Feb. 1968.
*NTIS-TT-73-55041

Apr 73

M. Koukal

The Concreting of the slopes of a conduit at
Upa.

Inzenyrske Stavby, Bratislava, Vol. 16, no.2,
pp.66-71, Feb, 1968.

*NTIS-TT-73-55050

Apr 73

P. Peter

Peculiarities of the breach in the dams on the river Ondava.

INZENYRSKE STAVBY, Bratislava, vol. 18, no. 3,
pp. 97-101, Mar 1968.

*NTIS-TT-73-55049

Apr 73

Denisov, V. S.

Engineering psychology in aviation and cosmonautics.
INZHENERNAYA PSIKHOLOGIYA V AVIATSII I KOSMONAVTIKE, 1972

315 pp

NASA TT F 799

14
may 1973

Denisov, V. G.

Aerospace Human Factors Engineering.
275 pp

INZHENERNAYA PSIKHOLOGIYA V AVIATSII I KOSMONAVTIKE.
Moscow, 1972, 316 pp.
JPRS 60419

CHARACTERISTICS OF INFORMATION CODING SYSTEMS
IN MANNED AIRCRAFT

DENISOV, V.G.; ONITHCHENKO, V.P.

UR: INZHENERNAYA PSIKHOLOGIYA V PNTBOROSTROYE
NII, 1987, pp. 95-106

On Process in
FTD-MT-24-908-74

REQ TR CHECK

11-05-73

T726

THE EFFECTO OF VARIOUS TYPES OF HUMAN
OPERATOR FAILURE ON HIS PERFORMANCE

GUBINSKIY, V.I:

UR: INZH. PSIKHOLOGIYA V PRIBOROSTR,
1967, pp. 139-144

HT 73-23-0695

Strumillo, C.A.

Simultaneous Heat and Mass Transfer in the
Process of Evaporation of Liquids from
Porous Bodies

INZ. CHEM. (IZCMA5), Vol 2, No 2, 1972, pp 265-283

*NTIS-TT-74-54044

Cybulski, A.W.

Analysis of Methods of the Measurement of Heat
Transfer Coefficient in packed beds

INZ. CHEM. (IZCMAS), Vol 2, No 2, 1972
pp 343-354

*NTIS-TT-74-54045

Cybulski, A.

Heat Transfer in Packed Beds of Irregular
Particles

INZ. CHEM (IZCMA5), Vol 2, No 2, 1972, pp 355-363

*NTIS-TT-74-54046

INZHENERNO-FIZICHESKIY ZHURNAL
JOURNAL OF ENGINEERING PHYSICS
COVER TO COVER CONSULTANTS BUREAU
BEGAN WITH 1965 ISSUES

Stability of the Convective Boundary Layer in a
Liquid Filling a Horizontal Cylinder, by
G. F. Shaydurov, 8 pp.
INZHENRNO-FIZICHESKIY ZHURNAL, No 12, 1959, pp 68-71.
NAVY/NISC-3437

June 73

2-May-74

Uncl (SLA--74-6013) Theory of damage by cavitation.
SEMERCHAN, A.A.; VERESHCHAGIN, L.F.; FILLER, F.M.; KUZIN,
N.N. Translated by P.E. Newman from Inzh.-Fiz. Zh.; 3:
No. 3, 87-90(Mar 1960). 7p. Dep. NTIS \$4.00.

13 engineering; translations
MN-38 P NSA

Relationship between Strength and Dynamic
Characteristics of Cohesive Soils of Natural Structure,
by B. P. Yerykhov, 5 pp.
INZHENERNO-FIZICHESKIY ZHURNAL, No 4, 1960, pp 123-124.
X-7747

April 73

Romanenko, P. N.

Effect of a Transverse Mass Flow on Heat Transfer and
Dynamics of a Turbulent Hot Air Flow in Axi Symmetric
Diffusor with a Permeable Wall 8 pp

INZHENERNO-FIZICHESKIY ZHURNAL, Vol 19, No. 2, 1970

ACSI-K-2538

FSTC-HT-1995-72

Yurevich, F. B.

Methods for Calculating the Ablation of a Teflon Mass
During its Degradation in a High Temperature Gas Stream
8 pp

INZHENERNO-FIZICHESKIY ZHURNAL, No. 1, 1971, pp 70-75

ACSI-K-2499

FSTC-HT-23-2004-72

11 pages

V. M. Legkiy, et al

Heat Transfer at an Initial Heat Segment for
Stabilized Turbulent Air Flow in Circular Tubes
and Rectangular Channels.

INZHENERNO-FIZICHESKII ZHURNAL, Vol 20, Feb 1971,
pp 215-223.

ACSI-K-2532

FSTC-HT-23-2003-72

Aug 73

CALCULATION OF THERMAL INTERACTION BETWEEN AR
C COLUMNS AND ELECTRODES

KRIZHANSKY, S. LANGUAGE-RU COUNTRY-UR

INZHERENO-FIZICHESKIY ZHURNAL 1971 VOL 20 NO.
2 PP 299-305

FSTC-HT-23-1426-73

Lyubov, B. Ya.

Heat Transfer in Steel Sheet Rolling 10 pp

INZHENERNO-FIZICHESKIY ZHURNAL, No. 2, 1971 pp 321

ACSI-K-2535

FSTC-HT-23-1993-72

Chapter 1

Determination of the quality
in Reading Vectors

INZHEKERNO-FIZICHESKIY Zh. NO

1971, PP 453-461

FSTC-HT-23-1999-72

ACSI-K-2539

THE INDUCTOR-PRODUCT SYSTEM AS A CONTROL OBJECT FOR INDUCTIONAL CONTINUOUSLY HE

RAZORENOV, N. LANGUAGE-RU COUNTRY-UR

INZHENERNO-FIZICHESKIY ZHURNAL 1971 VOL 20 NO
3 PP 476-80

FSTC-HT-23-1425-73

TOPUNOV, A.M.

//~~INZHENERNO-FIZICHESKIY~~ ZHURNAL//

--/09/1971, V0021, N0003

Solutions to the direct problem of heat transfer
between a cooled turbine blade and gas using the
dispersion method, 7pp,
pp531-536, AIR/ITD/IT-23-726-744//

Inzhenerno-

Maksimov, Ye. A.

Heat Transfer in Porous Media 5 pp

INZHENERNO-FIZICHESKIY ZHURNAL No. 4, 1971, pp 588-591

ACSI-K-2497

FSTC-HT-23-2002-72

Borishanskii, V. V.

Cesium Vapor Condensation from Inert Gases

INZHENERNO-FIZICHESKII JURNAL, No. 1, 1966

pp. 600-606

NTC 73-11703-00D

NTIS N73-10212